

## EXHIBIT D

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/054,390	01/24/2002	Radha K. C. Pandipati		8442

7590 01/09/2006  
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EXAMINER

WORKU, NEGUSSIE

ART UNIT	PAPER NUMBER
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2626

DATE MAILED: 01/09/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/054,390

Applicant(s)

PANDIPATI, RADHA K. C.

Examiner

Negussie Worku

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 24 October 2000.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on Jan 24, 2002 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

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### **DETAILED ACTION**

1. Applicant's arguments with respect to the rejection(s) of claim(s) 1-11 have been fully considered and are persuasive, and Therefore, the rejection has been withdrawn for the reason the prior art [Iwaguvhi et al. USP 2002/0062292] was filed on March 8, 2001, which postdates the priority date of February 1, 2001, which is a provisional patent date of the application. However, upon further consideration, a new ground(s) of rejection is made over Hu et al. (USP 6,459,506), in view of Hamilton (USP 6,462,842).

#### ***Objection to the Drawings***

2. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the claimed subject matter of claims 1-11 must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

The drawings are objected to under 37 CFR 1.83(a) because they fail to show the claimed elements and subject matter as described in the specification. Any structural detail that is essential for a proper understanding of the disclosed invention should be shown in the drawing. MPEP § 608.02(d). Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application.



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### ***Claims Objections***

3. Claims 1-11 are objected to because of the following informalities: At the end of claims 1, 2, 3-9 improper informalities such as ":" and ";" have been indicated and appropriate correction is required.

### ***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hu et al. (USP 6,459,506) in view of Hamilton (USP 6,462,842).

Regarding claim 1, Hu et al. discloses an apparatus (shown in fig 3-5, a document or a memorandum scanned by scanner 300, is connected to PC computer through USB interface 316), to scan bills (document or a memo scanned by scanner 320 of fig 3).

Hu does not teach or disclose unique software, which automatically organizes all the information from the scanned bills (document).

Hamilton in the same area of document scanning and a computer program for processing and controlling a scanner teaches a software (a computer program or a software source code written in C and object code, intended to run a microcontroller),

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which automatically organizes all the information from the scanned bills (the software contains many function, controlling or organizing information apparent to those skilled in the art, see col.4, lines 10-20).

Therefore, it would have been obvious to a person with ordinary skill in the art at the time the invention was made to have modified the scanning and a processing apparatus of Hu et al. to include: a software which automatically organizes all the information from the scanned bills (document).

It would have been obvious to a person with ordinary skill in the art at the time the invention was made to have modified document scanning and processing device of Hu et al. by the teaching of Hamilton, for the purpose of increasing data throughput and controlling the function of the scanning device, such as information processing, and for automatic data entry between scanner and computer devices.

Regarding claim 2, Hu et al. teaches an apparatus (as shown in fig 3 and 4), where the scanner (300 of fig 1) is connected to a computer (computer 302 of fig 1) through a USB port (USB interface 316 of fig 3) or pass thru parallel, col.4, lines 52-65).

Hu et al. does not teach or disclose the unique software program loaded into the program.

Hamilton in the same area of document scanning and data processing teaches a software loaded into the program (a computer program or a software source code written in C and object code, intended to run a microcontroller loaded in to the PC processor 102 of fig 1).

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Therefore, it would have been obvious to a person with ordinary skill in the art at the time the invention was made to have modified the scanning and processing apparatus of Hu et al. to include: the unique software program loaded into the program.

It would have been obvious to a person with ordinary skill in the art at the time the invention was made to have modified document scanning and processing device of Hu et al. by the teaching of Hamilton for the purpose of increasing data throughput and controlling the function of the scanning device, such as information processing, and for automatic data entry between scanner and computer devices.

Regarding claim 3, Hu discloses an apparatus (fig 3), where as the bills (documents or information are being scanned by scanner 300) are being scanned all the information from the scanned bills is automatically entered into the computer (documents or information are being scanned by scanner 300 entered into the computer 302 of fig 1 through USB interface 115 of fig 3).

Regarding claim 4, Hu et al. does not disclose an apparatus, wherein the unique software program process all the information and organize it.

Hamilton in the same area of document scanning and processing teaches or disclose (a computer program or a software source code written in C and object code, intended to run a microcontroller loaded in to the PC processor 102 of fig 1).

Therefore, it would have been obvious to a person with ordinary skill in the art at the time the invention was made to have modified the scanning and processing



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apparatus of Hu et al. to include: wherein the unique software program process all the information and organize it.

It would have been obvious to a person with ordinary skill in the art at the time the invention was made to have modified document scanning and processing device of Hu et al. by the teaching of Hamilton for the purpose of increasing data throughput and controlling the function of the scanning device, such as information processing, and for automatic data entry between scanner and computer devices.

Regarding claim 5, Hu et al. discloses an apparatus (fig 3), wherein the organized data can be viewed as tabular form or pie-chart form, (data scanned and entered to the computer 302 of fig 3, can be viewed on the display monitor of computer 302 of fig 3).

Regarding claim 6, Hu et al. does not disclose an apparatus wherein the tabular data formats include income-expense reports, expenses versus planned budget, and list of all expenses grouped under various categories.

Hamilton in the same area of document scanning and processing teaches or disclose an apparatus wherein the tabular data formats include income-expense reports, expenses versus planned budget, and list of all expenses grouped under various categories, (data scanned and entered to the computer 150 of fig 8, can be viewed on the display monitor of computer 150 of fig 8).

Therefore, it would have been obvious to a person with ordinary skill in the art at the time the invention was made to have modified the scanning and processing



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apparatus of Hu et al. to include: an apparatus wherein the tabular data formats include income-expense reports, expenses versus planned budget, and list of all expenses grouped under various categories.

It would have been obvious to a person with ordinary skill in the art at the time the invention was made to have modified document scanning and processing device of Hu et al. by the teaching of Hamilton for the purpose of increasing data throughput and controlling the function of the scanning device, such as information processing, and for automatic data entry between scanner and computer devices.

Regarding claim 7, Hu et al. discloses an apparatus (fig 3), wherein the apparatus allows editing the information from the scanned bills (scanned document and entered to the PC 302 of fig 3, can be edited).

Regarding to claim 8, Hu et al. discloses apparatus (fig 1-4), wherein the apparatus automatically saves the information scanned from the bills in the Quicken Interchange Format, allowing it to be imported by any financial management program like Quicken, Money, etc, (document or the information scanned by scanner 300 of fig 3, automatically entered and saved to computer (PC) 302 of fig 3, and imported for different purpose).

Regarding to claim 9, Hu et al. teaches an apparatus (fig 3-4), wherein each scanned bill will be turned into an individual transaction, (document scanned and

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entered to computer and can be managed as individual transaction);

Regarding to claim 10, Hu et al. teaches an apparatus (fig 3-4), wherein the multiple items in the bill will be used to create a "split" transaction with proper customizable categories, (plurality of scanned document can be treated and given a customized file by the software the handling the file).

Regarding to claim 11, Hu et al. does not teach, wherein the software allows for record keeping, budgeting and reconciliation.

Hamilton in the same area of document scanning and processing teaches or disclose a software the software contains many function, controlling or organizing information apparent to those skilled in the art, see col.4, lines 10-20).

Therefore, it would have been obvious to a person with ordinary skill in the art at the time the invention was made to have modified the scanning and processing apparatus of Hu et al. to include: software allows for record keeping, budgeting and reconciliation.

It would have been obvious to a person with ordinary skill in the art at the time the invention was made to have modified document scanning and processing device of Hu et al. by the teaching of Hamilton for the purpose of increasing data throughput and controlling the function of the scanning device, such as information processing, and for automatic data entry between scanner and computer devices.

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### **Conclusion**

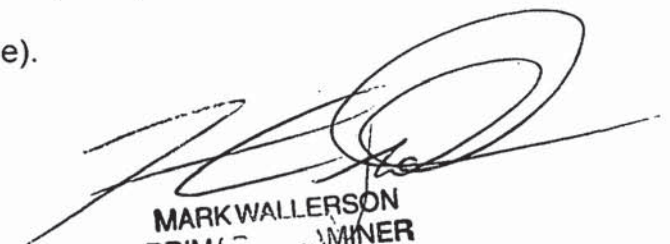
6. Applicant's response has been reviewed and considered as indicated in the Office action discussed above. However, applicant has not made a correction to last Office action regarding Objection to drawing and claims as indicated page 2 and 3 of the Office Action. Therefore, appropriate correction is needed.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Negussie Worku whose telephone number is 571-272-7472. The examiner can normally be reached on 9am-6pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly Williams can be reached on 571-272-7471. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*Negussie Worku*  
*12/12/06*

  
MARK WALLERSON  
PRIM. EXAMINER